One Essay on the means

Oneventing
Hereditary and Acquired
Onedispositions

Oulmonary Consumption
1972

Falebory to clearly

On viewing the bills of mortality, me are instantly struck with the fact, that nearly one fifth of markind die of Pulmonary bon sumption. A disease, therefore, more formidable than any, to which the human species are subject; this then, is the excuse I offer, for make ing it the out jed of the present spay; without it, I might be accused of arrogance, for offining any thing on this subject, which has engage ed the allention of the greatest men, the science of medicine can boart. The ocean is made up of particles, each is distinct, and commanding attention: So is the science of medicine, every fact in to be regarded as such and as constituting and part of a whole, which when combined, constitutes perfect knowledge . This then is my motts, and if I should stumble on any thing on ginal, which may tind either directly or indirectly to obviate the disease of Gulmonary consumption: I shall consider, the object of this epay more than allained.

There is, perhaps no disease, in which writers more und formly agree, as to its history, white at the same time, now in which the remedies that have proved succeptful in one case, how so conformly filled in others. This its succeptained

who he resorted no such and so constituting anisted boar at

There is prepayed in account in experit energy in the same can and and a series and

how so uniformets felice in others. This is surely and

principally from the want of proper altention, not being pair with what of the system or him remedies are seed, this mines, from the crosslegical arrangment of diseases, or how they are prescribed for by their names, and not symptome. This among failure is in the case, where the diseased might have been every had proper attention been baid. I am sorry to add, the most frequent cause of the inefficacy of maintain this diseased among to just nature; for his see cross day almost that though the remedies not account for the diseased and suited to the bathetogy, yet in forty nind out of fifty case, it prove fatal.

I can readily concin or that all of the remities that are in no forthe one in our forthe one in our forthe one in our forthe one in our forthe one of the symptems also that some medicines wheat by their strending and tenid power hope in a line of the symptems also that some medicines on here is proving and that of office disease. Thus, therefore is a gased remise or her properly and, while at the same time it is the cause of thousand of deaths, income that the remedy this used, is then advistant to the wrote as a percipie for the curve of the disease, the medicine of the curve of the disease, the medicines of the common new perfect of the curve of the disease, the medicines or specifies, become

directly the cause of the mortality of the disease. The poor infalmed particular readily catches at every thing he heurs or sees as is the case will his uninformed friends and relations. It resort therefore, is instantly had to there of becomes and their discovering in most cases with his uning very believe are a set of Embyrics, for now others may very believe as a set of Embyrics, for now others mounted as will the overthe a specific for the cure of any assert but more of any assert of the one in question, as it assumes with a more than and of forms and stages; each as working to movely into ought to have a norm name, and also a secondary to the patients of this while is either be coming worse from the use of them stimulating articles (when he should displite) or form a life of time the disease has made such descences on the system) as a ripe the most skilful and met the disease has made such descences on the system, as a riped the most skilful and met the disease has made such descences on the system, as a riped the

To much than, for the classical arrangements of diseases and its consequencies, the quartes and their operations as causes recovery our temperatures are caused over the procumption.

There are many reasons, for the combined powers of miximum to be reasold to in order, that the disease of pulmonary consumption may be rendered left frequent, first. The frequency, secondly the mortalisty and Third by, the generally allacks and carrier

us off, when we are in and entering on the prime of life. This I consider among the greatest, will that attend the disease : for to die, when from the common course of things, it might be or pered ed, we have lep cause to repine, and at the same our friend, and relations are better prepared to sustain the shock, that is always felt on such occasions. Widely different is the case with pulmone ry consumption; it matches from a father a son who has been se parated from him for years, and he has been engaged in profiped onal pursuits. Which when acquired, constitutes him an orna ment to society and a blefing to his parents and often power the way to his grand . The misfortune does not and have, next a daugh ter, who like a full blown row, soon withus in consequence of an insect wounding the roots of the bush on which it starts hangs. In some cases whole families arrive at the age of pu berty, appearently in good health and sound constitutions but as soon as they arrive at a certain period, they are attacked and austroyed in a manner, that leaves to the rest of the family and physician, only warning of their dangerous oituation. The disease may be esterned, in this case to be horesitary : for the cure of white and acquired postis position, constitutes the object of this spay

First, of hornistery predictions, which I divide into such as and expected with a peculiar distribuse, which I believe mists in the constitution of parente and thus communicating it to their offspring; seemeday the being. This division I bined with this clathesis, mat conformation of the body. This division I make because me see many prome divisifted the writtens their existing any deformity, which I believe to be purely accordant at and expending on the same cause, of disponenties in other parts of the body as melt of the thorax. The retricted of this division will appear as I proved.

Every practices of madicine, when he commonces bearing or per dum at of the discusser, which may be considered as horse tray or per calin to the dispress families on which he practices . By the survey of the discusses of families he is analled to prescribe for his fatient, with prompetitude amainst success in some cases, when he might have been made against his break ing property on a when he might have been the property of the prescribe on the fresh to provide the property of the horselay predicts to an Existence of the fresh provides to the practice of the horselay predicts on the anti-lay committees the cities in other training committees he did not be practiced as the practice and another of the horselay as it crackes a fraction to require the training the discount to be more dangerous in their cases.

Well, when the disease, is discovered to be in a family, where

STATE OF THE PARTY NAMED IN cale a lette support for the on which he bearing the has which the there is also a family of children: here, then the disease is to be presumed as existing recepeately connected with the existence of the offering of such parents. The plan to be pursued by the physician, is to arrive such children, to be brought up by another milk. This may be effected by means of a met murse, or when this cannot be done, the chies should his raised as much as propible by hand . Where there is a much to be had, she should be free from all diseases, should have been accustom ed to labour and a plain wholesome fure. The child may now be given to the mura, her diet should consist of what she had been a centioned to formerly and also that she should continue her employments as be fore, and in short no variation in any circumstance, aught to be tolle rated. The chied should never be allowed to sleep in the same bed with their parents, as is often the case nor with the muse: this practice is of itself injurious, but more as in case of the farents, especially if They are in the orciding dage of the disease. I can readily believe that such an atmosphere, as would be the consequence, of the meating state of the disease, is liable to many ill consequencies. If has been thought the disease is contogious, every chance would be given it here; but as to the fact of contagionous of Ibelieve not , though I believe that such practice mult induce total a state of debility, in a majority of

prove to be the cause of other accesses, which wroter in all producting and in accessed. This expension of the child from the mother is also almost with original places, as to the mother by arriving the displacion that mad acceptantly fallow his offers my milk for the child. It this there are quest of interest of the him for the more according for semicious the plothers which would follow in consequence of stopping a natural discharge a material places and a state of congression is the language and thereby a the milk, induces and a state of congression is the language and thereby the move the occasing as going on a presupersion. The thinks at material was the milk continued to more child for it is a material of profess can be found to be a the milk count of the free to a mount of profess can be faced to have the milk count of the breast.

The opposition and probable good result. To be not mill song the a position and probable good result. To be not mill song the past-appets of change or heles one for wholes me milk, a my and the child. The milk is offered by the health of the orman from while it is arrown, needs on the sone of order at the some time it offers the straight of the orman needs on the sone of the straight of the past and count one and are above a dimension of the bulk of the bady. The adventing a garnet here as a straight hereaftery proposition, consider not an engage time as a straight of the bady. The adventing a garnet here as a straight of the bady of the bady, and adventing proposition, consider not any proposition the against against from one early and mile applice remains, is to the constitution, what a gave formitation, is to the bulk of a bound, or

mell dam. Supparing an equal number of males and formales the of full and formales the of full money brown of full money brown then, as is the cood; by know any there eight time a many

V & Rush taught in his letters that at Our time, he had eight women under his case in consumption, I no one man.

of the latter than of the former air of this diseased till I believe the more makes than familes our or creasurates of on houseling prancips sition. Buy recome for this deline are as pollows.

I bestom has satisface, that he man simile so there things that our more circuity connected with a paint bookly excitions, and practice by in the open are this is one of the last proventations and properly monaged one of the most affective curse for the ciacood. For Ruch in his tractice of the most defined curse for the ciacood for Ruch in among the Indiano of it. Amorem at the tome of its testimores and hat aircrety as the moments and custom of the first eight of the ciacood that aircrety as the moments and custom of the first eight of the ciacood that is to one of the distribution of provident to the of the distribution in their occupations approach to the Jacon moments, than moments and consequently left liably to be offected by acquired providence.

2. From men hing rendered over handy from corporated and of country not so liable to be affected by the changes of the marker, though life aft to be offected by these decreases that most thind origin to then changes of the marker, as best and, the money to see of which acceptantly active in forming these palmenales. That the viscosities of oright former consumptions may be seen by repairing to the accessor of the miles that are uniformly but or order have the decrease in the termine.

3. The course of more life air process to the decrease, or account of their grantify quality and the momen of meaning them. The observe of the of the consistence of the light momen they are more in to the stage.

aft to be affected to this disease

hing lightly bened around the body and their prevents a free and uniform corculation of the blood.

4. Men are more accustomed to great exercises of the larger as in public speaking, talking land a generally (he not more) planging or mind indian ments of musically " see of these causes, at musty "exercising the land which when a par with the effects of annewed on other parts of the

. From more men then owner being able to brand and the more officer - coops and life organism manner, on horse back.

6. From the faculity that more can change securiting for actival employment from all of their reasons. I conclude that order more act all of the case - cases it is more frequently from on home tength that make acquired provides position that sovice an attach of the investment the meripung reserve the transportant of their repetitions of the supervision of causes I have communicated and by rand sings the agestion impervision to the discuss. There is no a greater cause is required to produce the agestion. This consists in an abroad itary transfer prevailed in the agestion, which consists in an abroad itary transfer are prevailed in the agestion, which cannot be reversing but by anteripating small the most regions.

histment. The produced fact alterned from an idea that more as one leable take affected with an horistany diseased demants in our rains must brick for the commission, that are adopted to dangerous and at standard cades, for such an throw that depend on this deathers.

The management of the heard itang presis position should continue from the inorganised state that children acquired by being musical by

besting, tathing lander remodely land now Wayne

a healthy moment. The management of children until they arrived at that period at which the employments and a competerm are gene nally determined on thank the bush as to render the constitution or south and accustomed to the children of popular parents are more subject to batanho, presenting to the children of power persons, when the children of power persons, when the children are of neighbority exposed to the incline airs of the methor the proposition may be readed to the incline airs of the methor the proposition may be readed to the incline airs of the decision of the statement of the statement than the statement of the forest of the consistency of the statement of the position are the face of the consistency to the imagination and to the future health of such forecome.

Althous, known the system has not univergened the process bloom mentioned, there is a period at which the above of a player event of plate extensive of a player event of part to mean that times of life at which period of using reperiod for the life but their some to this one of the other of solutions present characteristics the process of above and palmoney consumption, when me to apply the means of above and palmoney consumption, when me to apply the means of above and palmoney consumption, when me have very recome to believe an executively distributed the means of the societies consumption that required the greatest what there were not sold for the body occutions, should be proposed from the continuous of the me mentions perpendicularly consumptions, but on the continuous of the discount of the second has an any my them itself, the removement of the second has an any my thous itself, the removement of the state of the most of the to the second has an any my thous itself, the according to the second has an any my thous itself to be accorded to the state of the second with some means that attention about the face to the state of the state of the second means that attention about the face to the state of the second means that attention about the face to the state of the second means that attention about the face to the state of the second means that attention about the price to the state of the second means that attention about the price to the state of the second means that attention about the price to the second means that attention about the price to the second means that attention about the price to the second means the seco

halled reason. The many point of the leaves and line of the second reach line or and the property of the formal of the leaves and the property of the second reach line of the property of the second reaches and the constant of the second reaches and the

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of the system when we change from depleting to stimulating and loved

medicines. The remedies or the more to be pursued when me believe, there is isto only a presisposition, which consists of a peculiar diathisis, and

The following . First, consists of employments when the bodily exclusive are great and principally in the open air. Where the parents have led a adaptury more of life; the reverse of his employmento thaild be chosen. Secondly, combined with this bodily labour, a correspondant exercise,

should be chosen for the lings, which may be had by land and fre quent speaking singing and a most excellent methode playing on some wind instrument of musick.

Thirdly, the diet should correspond with the employment, and arriving all stimulating drinks, such as rum, trandy V. This is of the find in portone to inculcate in the mints of the patiente also the was of Total co as being one step advanced towards a love of opiritous liquoing. Fourthly, this made of life should be continued until the for tient arrives at the ago of 25 years at this period the constitution there breated may be concluded to be about, or as having chaced away the prediaposition. This made of life should not be stopped abruptly other should be engaged in the of a more morrate natured, thom that recommensed. Thus where the occupation arginally was a house carpu ter it may be that of a farmer. The moring on grasually he may be

The efficiency of the two first moses of left being such as to defy the disease of pulmonary consumption; may be illustrated by facts. The slaves in Dirginia and the southern states, and engry ? the production this man of left deals not be seasted

in the most laborious employments exposed to all kinds of meather both by night and day cometimes, their face very plain, consisting chief by of bread mede of Indian com (in Virginia) and their clouthing on a par with the rest of their treatment. The disease is harvely or never known among the slance I never know but two negroes to die of con sumption, neither of which were accustomed to lease the lines of the sloves generally . I conclude Therefore that the absence of consumpter on arrang this class of people, is to be ascribed entirely to their mose of life . As to the officery of oxacioing the lungs being a presentation against the diseas, I have to addres facts how also; the watchmen of this city exercises their lunger to a very great extent, while at the same Time they are exposed to the indemencies of the weather. On Rush says he never know one of them to be affected with consumption, or even Hymoptyino. I have taken up an idea, whother it is a fact or mo, I can only say as it has occurred under my limited observation: my the French men that come to this country are not as apt to have consumption as The English , Seesh or Sections. If this is a fact as a general rule; Saccount for it or account of the robust state of the lungs which is the consequence of their playing so generally on some wind issue ment of musick: this I believe to be a universal fact my their great for Inef for musick. Frenchmen may perhaps, be exempled from the disease, by their monney of living as regards their dut, for they are very find of spices, gailie, onions, made into sauce and three used as consistenty. Whether this is a fact or no, those who have

diseased by their money of living congress their dear for land a very ford of species years owner more me seeing lived long a and seen more of Frenchmen than I have, can only de

durance. Whereon's thousand me approach to the mannew and custome of Indiano, slaves and forhops Frenchmen and certainly matchmen, there may me expect to find ourselves more immediately from within the while pools influence, into which, if me are drown, death is the consequence.

The other division of hereditury presisposition; has along with the consumption diathesis, mal conformation of the thoram. This at one insolves more difficulty and of course, the probability of enevely remove

ing the presisposition lep.

The plan of treatment is as before, only continued with these as time employments, great cond should be taken, to have the shouldown kept as nearly as popole in their natural situation: this may in a measure be accomplished by some such contrivance, as young girls are made to mea in consequence of the cloping formed . Steeping on a mattref in winter and in summer on a ploube floor one or in blan his intering his head on a lovel with his body this specto the other continuous to render the thorax larger and more natural. While these external methods are word; The exercises of the lungs, will cause then to grow and expend to occupy every fact of the throat, therefore coopneting with the extremal force in enlarging the capacity of the the now and compining at the some its county completely, preventing thereby,

the contraction of the thorax again. The acquired & redispositions, consist in made conformation of the bady from all its causes, from a cute and chronic diseases and all

causes that lend to debilitate the system, generally.

First, of mul conformation of the Theraw. This may be these arisms from the same cause (or hatere it may be) as other experience of the bays, over their acquirest from all seasing moves of left and leastly, by the means of deep, aris the case of ladico.

The remedies for the nation deformity and such as I have mentioned under the head of howevictury presimposition combined with deforming the arms observed he more vigoroundly employed for here, the removal of the deformity constitutes the removal of the frederical position.

these deformation that one their origin to deservely lines imports, that they have been conjunctly good, but by the same position of the bedy from militing on where a decention on most the through one for the bedy from militing on which or administration of the through one for the langer consiste personally. The its effect of the companying of the langer consiste personally the the effect of the companying on an inability to perform their natural office, for they received the blead (which they gove the the different parts of the beauty) that configuration, and by a change which it is assumed to the langer first threat grant language renders those unable to expend one as exceeded of the bland language renders those unable to expend one as exceeded of the bland language on the state of the bland the results in the language one set to this for purish exceeded the ste effect of its acting on the whole the results in the language one set of the state of the

The remision for the presuperation as first when there is a perthonic habit, frequent bleedings, availing all image tention of life, particularly the executory causes, which we surded my with

of life, exercise on horseland and on foot, was graduate and regarlan occicious of the lunger and the same may of obvioling the deformed less of the thoras, as has been already mentioned all of these remises should be governed by the state of the system. The consiss of receiving and wellting are of the first importance they obsule be used attenuately in the some day orbit ricing strongthen the thorax, welling does the torus estimation things principles of a free one regular in outsides.

Norman are particularly liebt to be affective from this presisponing caused to bonour aprilion first, by the circut compression of the thorne by the momentally early than facts, decredly from their secondary area in action modely of life. Thinky from the man of froper assured of the large moved of the things are action modely of life. Thinky from the thinness of their drapers generally.

longs and Familily, from the things of more overnow their men dis all of their causes land to prove or by more overnow their men dis of consumption because they are merepartly deforme from the effecof consumption because they prosperition, by the mornor behaviour. Two means of obsiding the prosperition, by the mornor behaviour

timed. The precio passing causes derived from diseases of the whole system, an either from a cut or brown diseases. In one case the designed from attendant they both homeon thing to from asterior or in the other from attendant. They both homeon thing is from asterior or or in the other from a to one found and one upon a free the is delibely, and is equally must at one found and one upon a free the in delibely, and is equally

action in presistance of a consumption.

The sensitive for obviously this presistance is consiste in removing the sensitive in the collection of the sensitive attention the sensitive of the sensitive of the sensitive of the sensitive regime from stimulating the paint to the sensitive open phase to changed from stimulating these the remoteration some phase to change from stimulating these these sensitive them they so and view were. In no discussive attention now requisite them in this steps of Consumption.

requesies for direction this president

I have said that debility from whatever cause it was produced equally in well an allack of concumption; by this I mean where the disease has affected all parts of the system equally: but on the contrary where the disease has confined itself more exclusively to any one part of the system; then it is probable will the detricity be the greatest, and consequently invite a disease to comopone with the part affected. Thus a Dysen try leaves the bornels in a state of debility and thouby a state of excitability, when stimuli act on the bomelo in this state, if great, a paralysis or prostra tion is produced, or if of a miller nature, the debilitated state of the sometimes frewent a reaction great enough to constitute a dynamically; The consequence in with of these cases is a Bankar , So, in discounterful spend thouselow on the lungs of rincipally, then, may one super an allack conseponding with the proceeding and exciting causes. The ministration altending the formation of diseases with lungs, is me great cause of the frequency and fatality of consumption;

First, from the nature and office of the lungs, diseases are more

frequently invited to that part and Secondly when attacked they are capable of authorizing an immension deal of disease before any premonetary signe (even) when themselves; This increasing the difficulty to cure the disease. These tors causes only division are more liable to allack and according to prove falar in affections of the lungs, may be illustrated by a simile which is used by ton Rush The lungs may be compared to a good on one of the outports, which guard him, thus exposed to be attacked more prequently, then the others; but he is either taken by surprise or is aslesp and paper by unnotices; the next set of quarto trusting to those on the aut posts are more easily surprised and token : so then the whole camp may be taken by a very inferior force . It cough, pain in the breast the spales of are to be soon

The state of the s The state of the s

second as the aut probe; there are for greatly about and this one and frequently second and conquered almost without a struggle.

A physican, therefore, should be a vigilant matchman and should by giving limity noticed to such I grand a and affected with any of the prediction. There by accommodating his defense according to the expected attack he may be prepared to make the greatest vaictance.

One meltor man of obvioling the prediciped terms: this one of the first importance and patentially as obvioling that noise dargaous of all namely the housitary predicipations is change of alimity? Thuch may be divided into temperary and fermanent.

Under of the temperacy: This consists of a long journey to a almost to which the suggest policies to a dianger. To make this change as officered as a people, the fractions on horsely, the fractions others are borned, the fractions of the most country the fractions of the second of the patient believe, that they should be so confused to as a make the fraction believe, that they person on the fraction of decining that every the suggest with the borney are incomed on account of business. It is more mell the suggest with the borney are the transfer of funding that every day present stortfy these terms and engle of his compliant week the term time promises from forming the supplies to be desired of a following or the ideas of his being free promise. The time taken up in proforming the journey, the office of the form eighteen months to the years, thurty acknowing the office of

of brandley with a shings of almald. Secondly, of the personanced change of almald, from this quast advantage is to be anticipated not only in amount our based of about a change of the chance and from a degeneracy of the

of human species for any or from all the ausers commontal if one may be allowed to reas on from analogy. He is fact or brief may here level on, my those animals, such as the home, outle, shop are compated by, often being accountermed to one plantation for a number of that, do degenated in about every respect. I commerce an order armore of this, and to object these back consequences, they either enchang a thin stock or the order of my part, by the latter they give a nothing a thin stock or the order part, by the latter they gave as a sortery of which is called or person the type of short is called corping the brees. I have being seen the gave effects or its factory of contraction as regards should return be and would have been consisted at the latter than her would effect with the latter women come change their partition that he where the or one change their faultry: this I have known down and with the happiness effects.

with the happines offerly. From all of these facts, for and I estern them, as teart in first, when I have myself seen the good offers of changes of activation. I am inclined to the belief that a harpy of the most offers we see the most offers are most of oracomy horacity fraction one of the most offers are for a few pages, and winter mentioned from the formation to the offer from an activation of this oray diseased with a commenced in this oray. I setting the great of from a change of change in this oray to estain the greatest good from a change of changes that it should be to our missionally that we should be to our missionally that we appeal positions; that it should be to our missionally and there is a great position the should be to our morphism from all these these are reduced as the total being to a should almost a morning active on productioning to consumption. This first freedy actives or to offer the may be had the in a smaller of changing climates with offerty may be had the in a smaller

segres, by merely chaning situations under the same degree of lat

The good effects to be derived from a change of climate, does not consist merely in a change of the atmosphere; but on the newport active employments both of body and mind, which is the consequence of moving to a strange country, where also a strang on to the inhabit tasty and thin little peculiarities, which were at first overlooked and can only be acquired by attention. These changes act, strengthon ing the constitution, and giving a queter tone to the digistine organ, both of which go hand in hand : for as medicines become a commend dated to the system and thus low their forus; so may climate situation and all its appendages be so accommodated to the mental and corpored habito of man, as for him to become toopied. I will make my meaning more apparent by an example. Itimuli acting on the system for a given length of time love much of their power, and thus a greater quantity is required to produce the same offerty: This may be continued to such a length, that a man may take at one What would kill helf a dougen mon without any inconvenience to himself . So may a man by pursuing the same occupation, the same train of thoughts, the same atmosphere, the same company it become as imprisons to their effects as the system did to the stimule just men timed . A change of their stimule I should have some how aren askable office, the of a milder nature. Is may a more by changing his situation entirely, excite in him another action, by another set of stimuli, which consist in changing an old hobitation to a new one and connected ales with new acquamlaneing.

The winter of this Epany is much prejudence against excuses and bounded on open panyments to their productions of this prainter but where facts stand first prejudice must give may therefore the visit or will consider this being persons may cathering of educar as the first attempt of the author who or consequence of disting and the shortest of the time which could be deviced to the day of a societies for the concerns for the concerns to which could be deviced to the day of a societies for the concerns to manner in which it is written.

22 nd Febry 1812.